

Unit 1: Matter and Change

Physical vs. Chemical Notes

Matter can be changed and described in 2 different ways:

Physical Changes – May change the appearance but does not change the chemical make-up (formula).

- AB (before) \rightarrow AB (after)
- Does not create new substances!
- Most of these changes are _____
- Examples:
- Described by physical properties:

Chemical Changes – Changes the appearance and formula.

- $A + B \rightarrow AB$
- Rearrange existing elements to make new substances with new properties.
- Most of these changes are _____
- Examples:
- Described by chemical properties: